

Hood Canal Bridge Project Progress Report – July 2009

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July 7, 2009



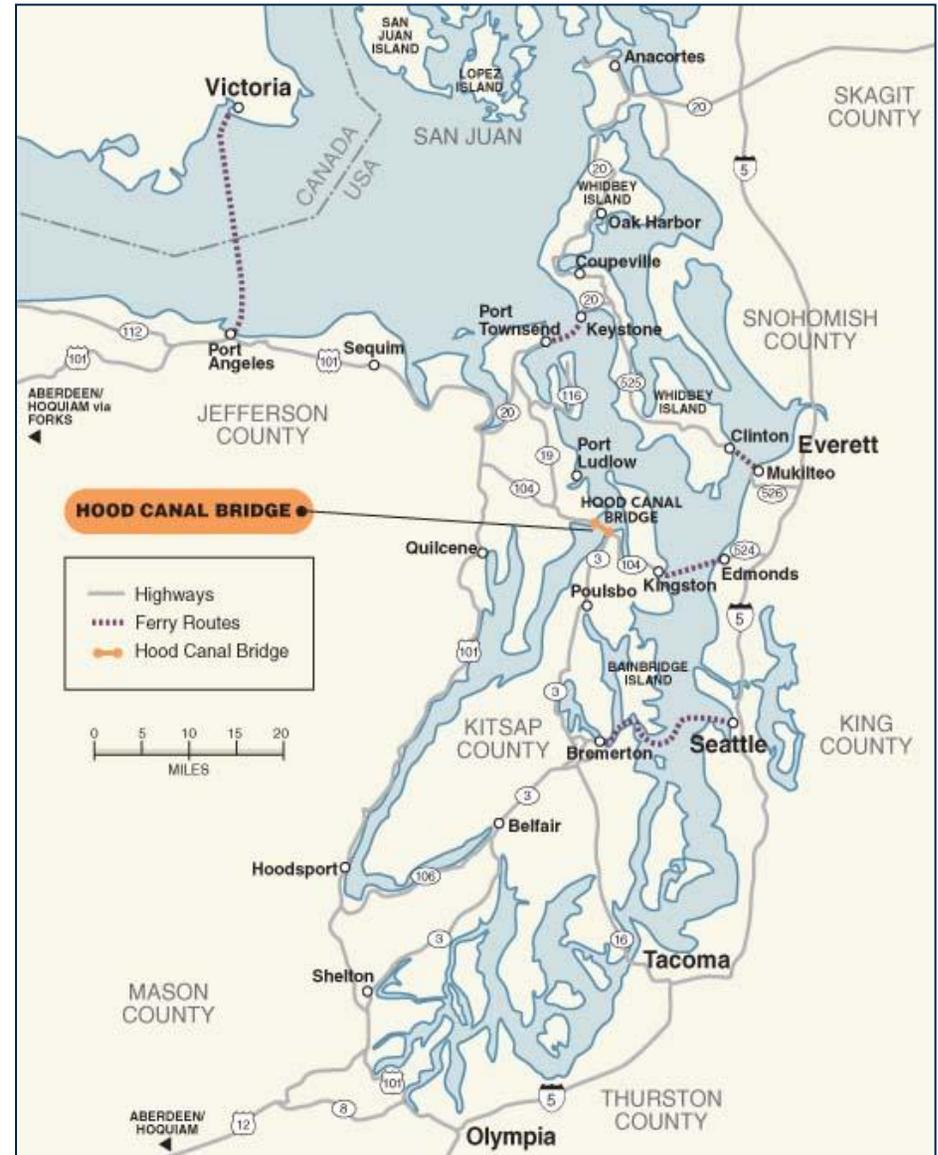
Hood Canal Bridge Project Progress Report

July 2009



Location, Location, Location

The Hood Canal Bridge is a vital transportation link between the northeast Olympic Peninsula and Kitsap, King, Pierce and Snohomish counties.



Project Accomplishments



Work Item	Complete
Steel Fabrication	100%
Pontoon Construction	100%
Anchor Construction	100%
Pontoon Assembly, Outfitting, Testing	100%
Float in	100%
West Retrofit	43%
TOTAL PROJECT	95%

Bridge closure lasted only 34 days, 11 days less than the allowed amount.

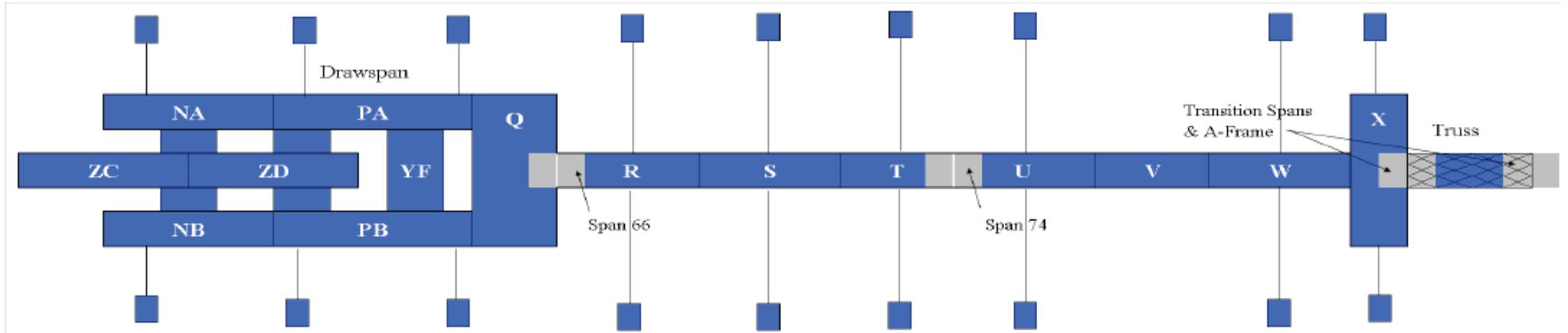
Financial Overview



January 2009 Budget \$499.8 million

- A PCRf for \$508 to \$510 million is being prepared to address added costs for float-in weather delays, anchor cable installation, and mechanical/ electrical rehabilitation on the west draw span.

East-Half Pontoons



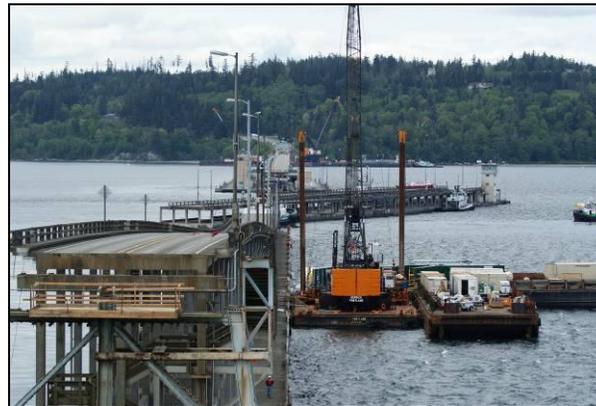
Panorama of the old Hood Canal Bridge from Salisbury Park (March 2008)

Float-in Milestones: Removal

Date Completed	Work Activity
5/1/09, 12:01 a.m.	Close Bridge to Traffic
5/1/09	Remove old retractable draw pontoons
5/4/09	Remove old east truss
5/7/09	Remove old draw span assembly (NOP)
5/8/09	Remove old west truss
5/9/09	Remove old west A frame
5/9/09	Remove old roadway pontoons (Q and R)
5/11/09	Remove old roadway pontoons (STUV)
5/20/09	Remove old east-side pier four



East truss removed.



Tugboats tow away old east draw span (pontoons NOP).



Pontoons Q and R removed.

Float-in Milestones: Installation

Date Completed	Work Activity
5/9/09	Set new west A frame
5/13/09	Move in new roadway pontoons (UVWX)
5/15/09	Set new west truss
5/16/09	Move in pontoon RST
5/18/09	Set new east truss
5/18/09	Move in new east draw span



Pontoons R, S and T are set in place.



Cranes lower west truss in place.



Worker connects anchor cable inside pontoon RST.

Float-in Milestones: Joining/Testing/Opening

Date Completed	Work Activity
5/17/09	Connect pontoons UVWX and RST
5/23/09	Connect draw span to pontoon RST
5/24/09	Test draw span
5/25/09	Set span 66 between UVWX and RST roadway
5/25/09	Set span 72 between RST and draw span roadway
5/31/09	Complete utility connections
6/2/09	Complete barrier installation
6/2/09	Complete joint work, grouting, post-tensioning
6/3/09	Complete 20 consecutive draw span tests
6/3/09, 10:19 p.m.	Open bridge to traffic



Pontoons R, S and T are set in place.



First East draw span testing.



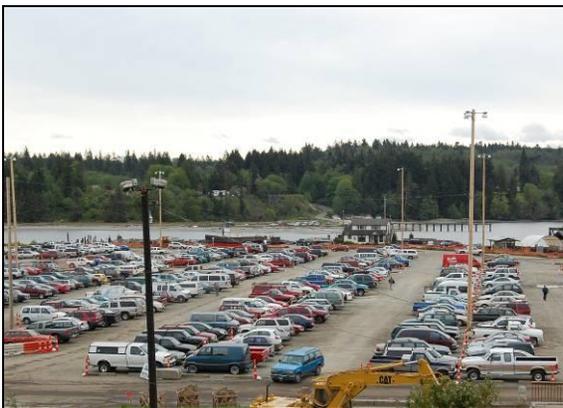
Setting span 72.

Closure Goals Accomplished

- Well thought-out closure mitigation plan was in place.
- Provided advance notification so travelers planned ahead.
- Helped travelers find alternate travel options.
- Monitored alternate routes and services and ensured effective operations during the closure.
- Communicated project changes to drivers.
- Re-opened the bridge on time.

Ways to Get Around

- Fly: Kenmore Air flights doubled
- Port Townsend/Edmonds: 3,000 cars, 220 trucks, 500 walk-ons
- WSF System: Overall ridership down 6.5% with foot passenger numbers up and car numbers down; PT/Keystone ↑ 31%; Edmonds/Kingston ↓ 30%
- Drive around: Traffic in Quilcene on US 101 increased from 4,000-5,000 vehicles per day to 8,000-10,000 per day with a peak of 25,000 vehicles on the Friday before Memorial Day
- Cross Hood Canal: This system moved 70,000+ riders



Port Gamble Park and Ride was used extensively.



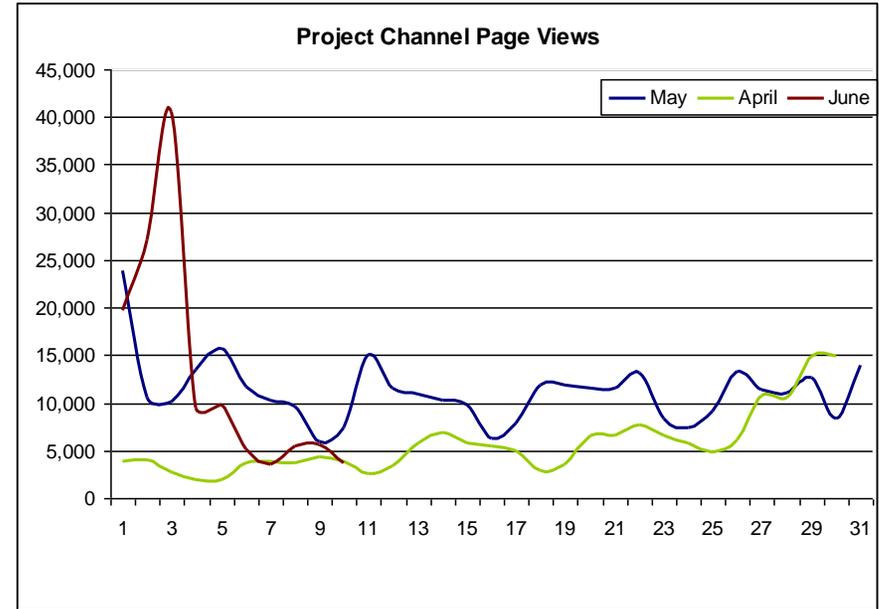
Jefferson County Transit provided service to and from the water shuttle.



The water shuttle crosses Hood Canal.

How Information Was Shared

- **www.HoodCanalBridge.com**
 - Project page = 645,000 views
 - Blog = 115,000 views
- **Traffic cameras** = 493,000 views
- **1-877-595-4222** = 11,000+ calls
- **Daily updates** = Blog messages
- **E-mail/text messages** = 54 sent
- **5-1-1** = Upfront alert message during closure
- **Signs** = Remotely changeable signs alerted riders to changes
- **Highway Advisory Radio** = Alerted riders to system cancellations and roadway incidents



Project Closure Successes

- Implemented new system.
- Quickly responded and adjusted.
- Moved 70,000+ people across canal.
- Stayed safe.
- Assisted drivers.
- Cleared highway incidents quickly.
- Integrated operations and staff from Washington State Ferries, WSDOT maintenance and WSDOT construction.
- Set up/took down facilities/equipment on schedule.



Commuters walk up the boat ramp to board the water shuttle at South Point.

Next Steps

- West-half Electrical and Mechanical Retrofit:
October 2009
- Anchor Cable Installation:
October 2009
- Contractor Demobilization:
December 2009
- K-G Financial Audit:
January 2010
- Project Closeout:
June 2010



The Finished Product

A wider, safer bridge that is more affordable to maintain, protecting lives and livelihoods for decades to come.

- 14 new pontoons
- 3 refurbished pontoons
- 2 new transition spans
- 2 new approach spans
- 20 new anchors
- 1 wider west-half



Questions?

For more information on the Hood Canal Bridge Project,
please contact:

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